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FIGURE 1

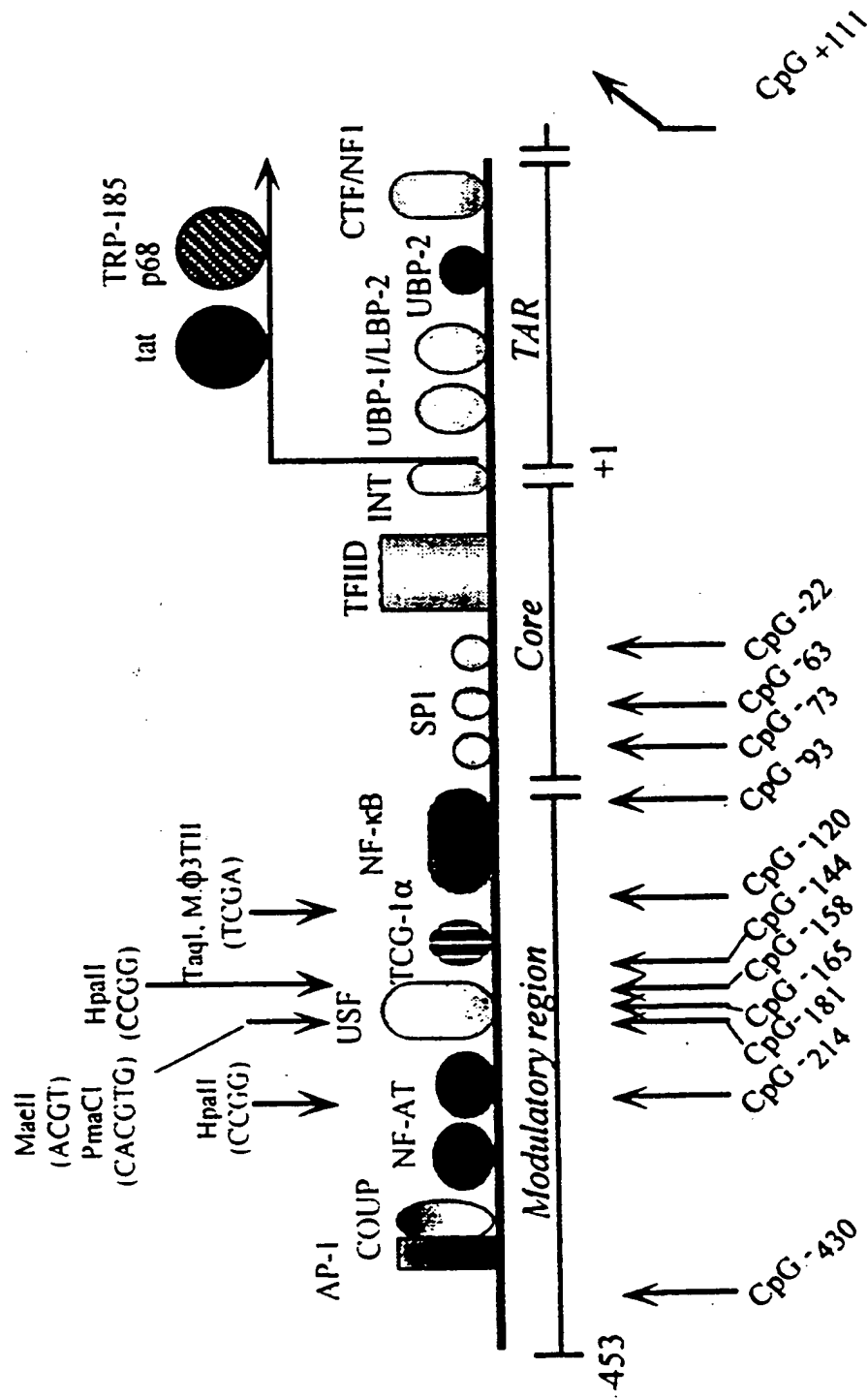


FIGURE 2

—454 TGG AAGGCTAATTCAC TCCCAAGAGACAAGATATCCTTGATCTGTGGATCTACCACACACAAGGCTACTTC

CCTGATTAGCAGAACTACACACAGGCCAGGAGTCAGATATCCACTGACCTTTGGATGGTGCTACAAGCTAGTACCAGTTGAGCC

AGATAAGGTAGAGAGGCCAACAAAGGAGAGAACACCAGCTTGTGTACACCTGTGAGCCTGCATGGGATGGATGACCCGGATATAT

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AAGTGTTAGAGTGGAGGTTTGACAGCCCTTAGCATTTTCATCAGTGGCCAGAGAGCTGCATCCGAGAGTACTTCAAGAACTGCTGA

TATCAGCTTGCTACAAGGACTTTCCCTGGGGACTTTCCAGGGAGGCTTGGCCCTGGGCTGGGAGTGGGAGCCCTCAG

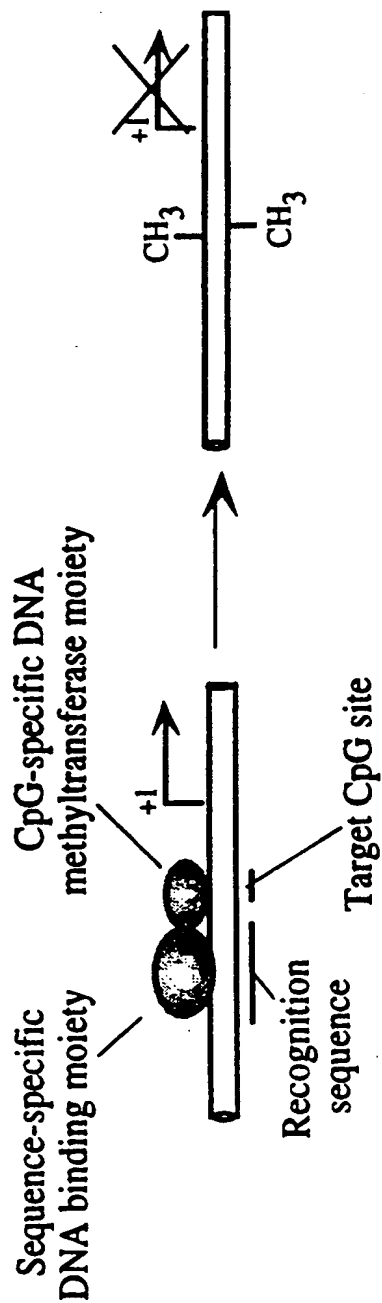
ACCTGCATATAAGCAGCTGCTTTTGGCTCTCTCTGGTTAGACAGATCTGAGCCCTGGGAGCTCTCTGGCTAGCT

AGGGAACCCACTGCTTAAGCCCTCAATAAAGCTTGGCTTGAGTGTCTCAAGTAGTGTGTGCCCTGCTGCTGCTGCTAACT

AGAGATCCCTCAGACCCCTTTTAGTCAGTGTGGAAAATCTCTAGC.. +200

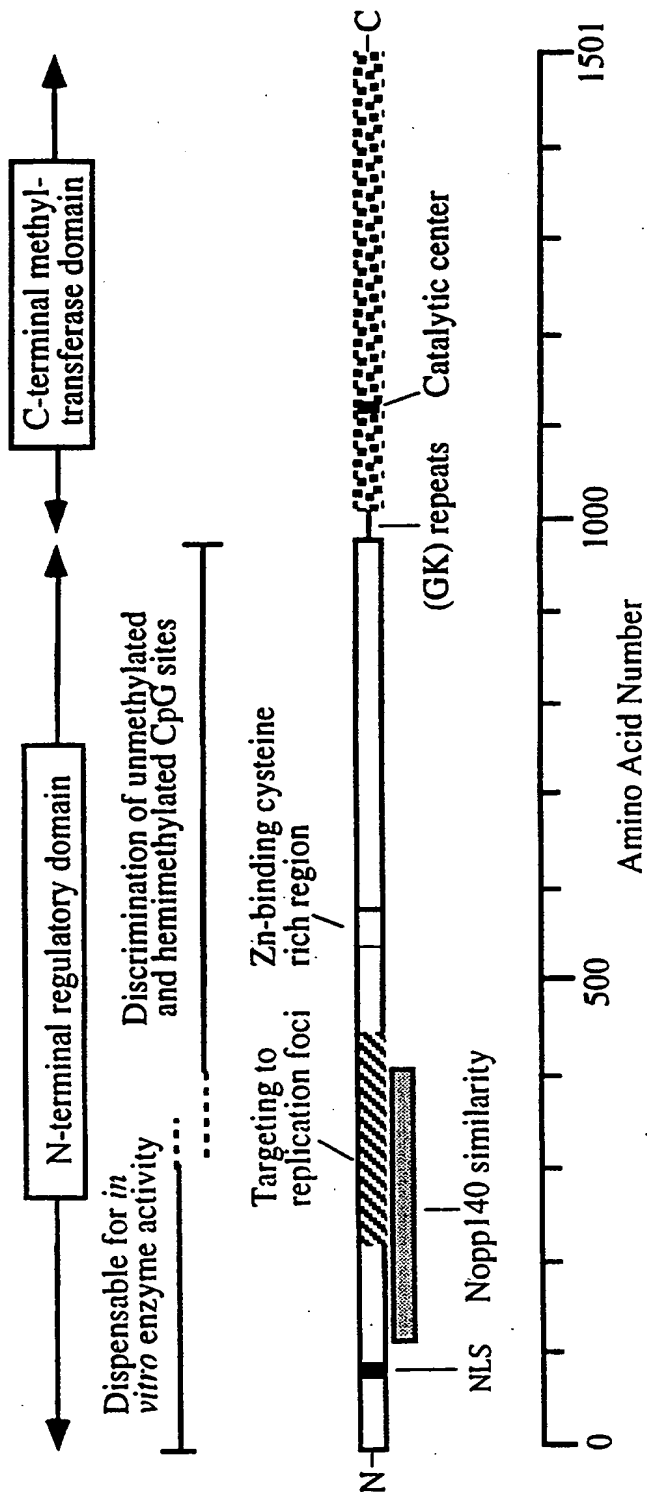
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FIGURE 3



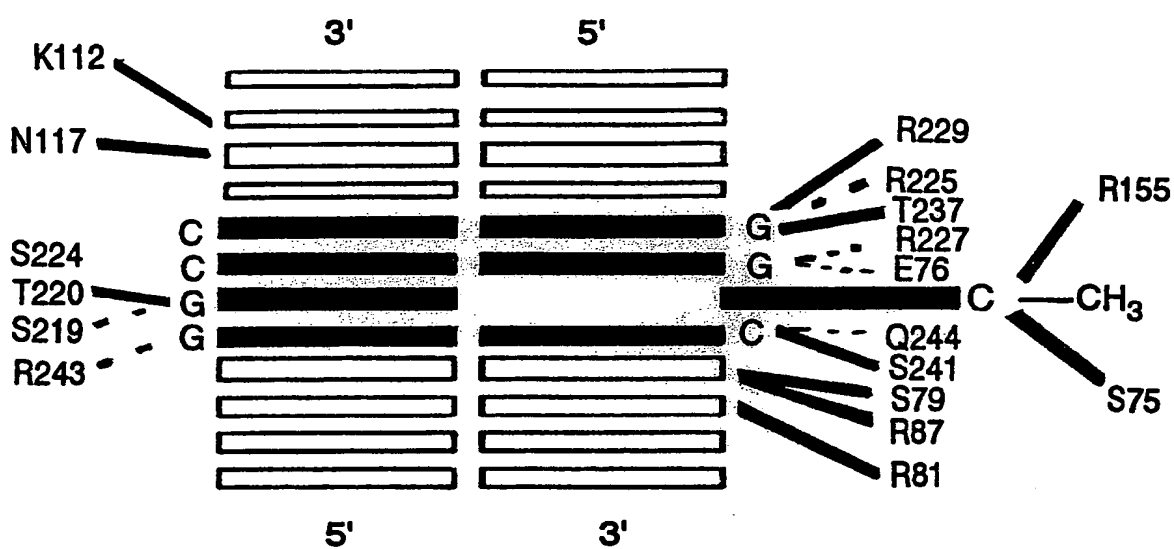
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FIGURE 4



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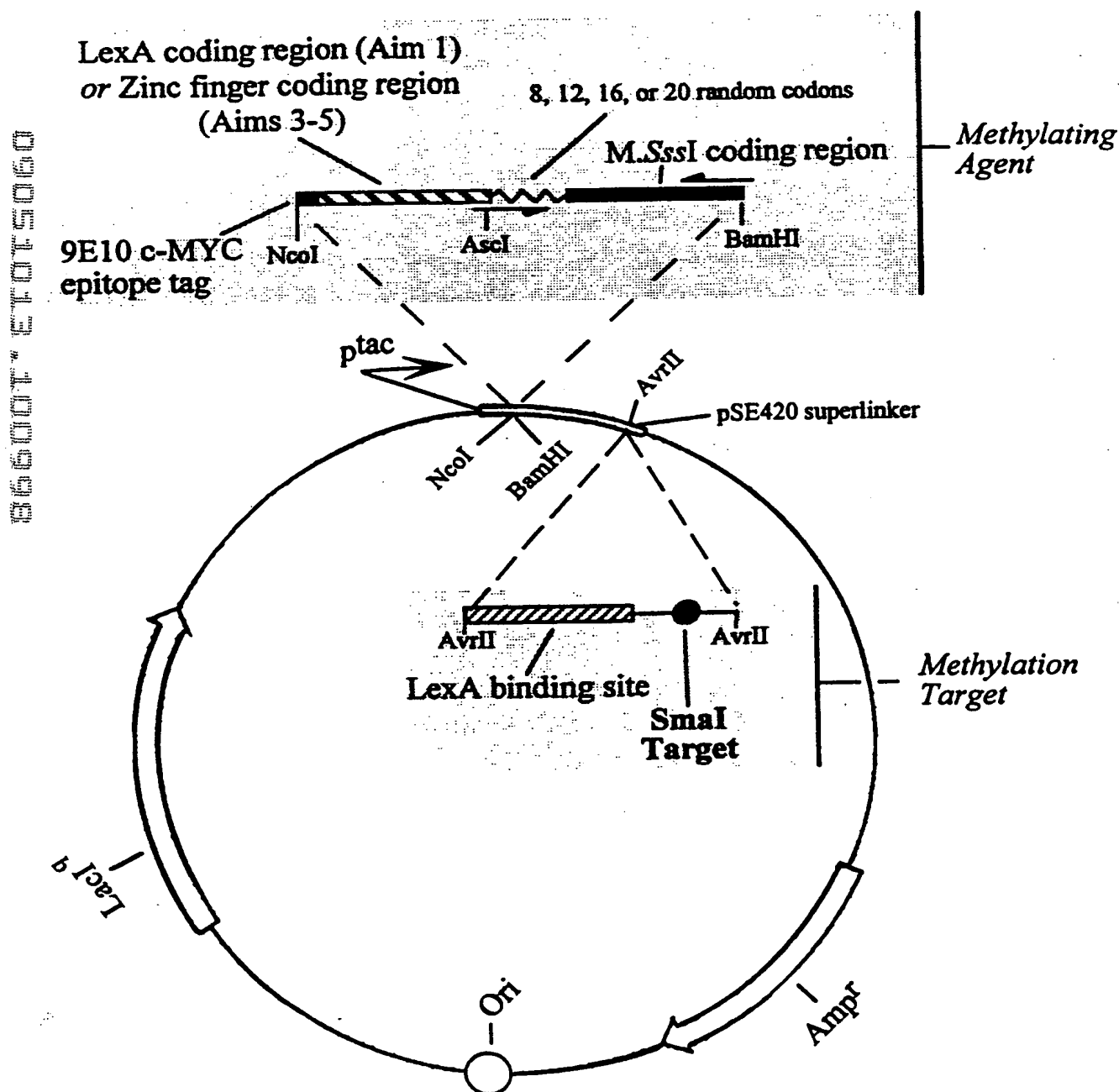
FIGURE 5



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FIGURE 6

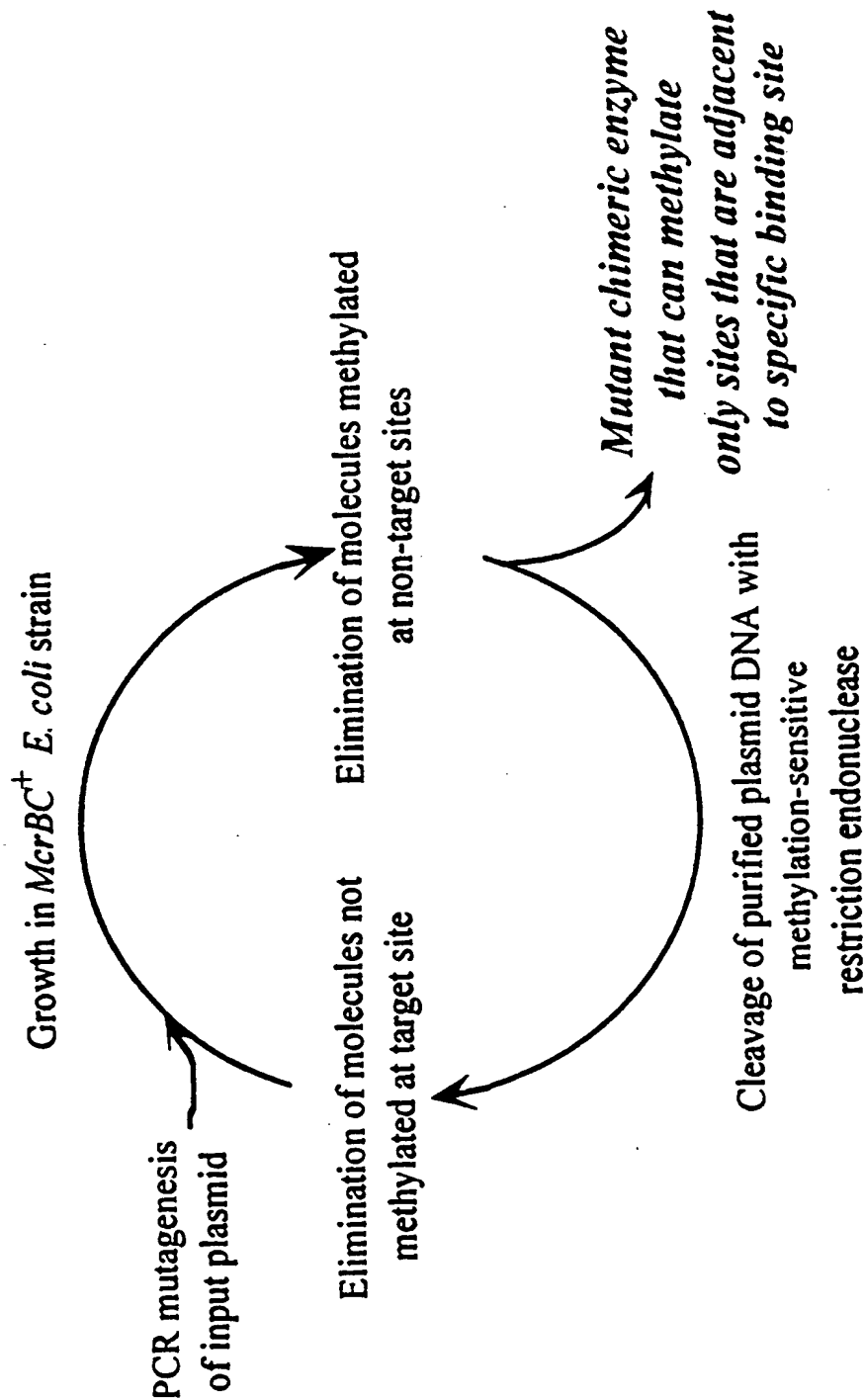
pLS, An Expression Construct to be Used in the Selection of DNA Binding Protein/DNA Methyltransferase Chimeras That Methylate Predetermined Sequences



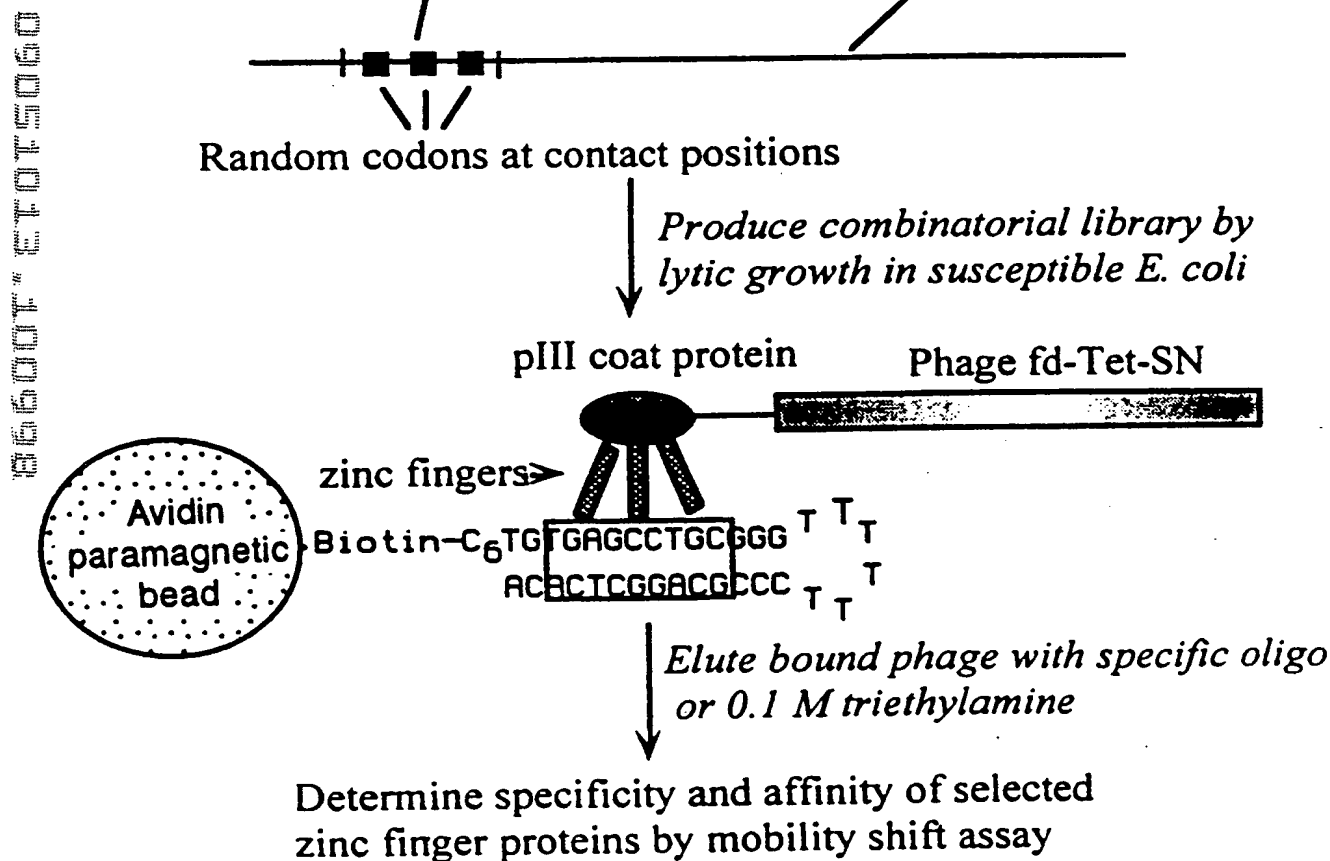
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FIGURE 7

*Cyclic in vitro/in vivo selection for chimeric
DNA binding protein-DNA methyltransferases*



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FIGURE 9**Phage-display selection of Zinc-Finger Proteins that Bind to Predetermined Sequences in the HIV-1 5' LTR**

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FIGURE 10

CpG Sites and Viral Transcripts in Hepatitis B Virus

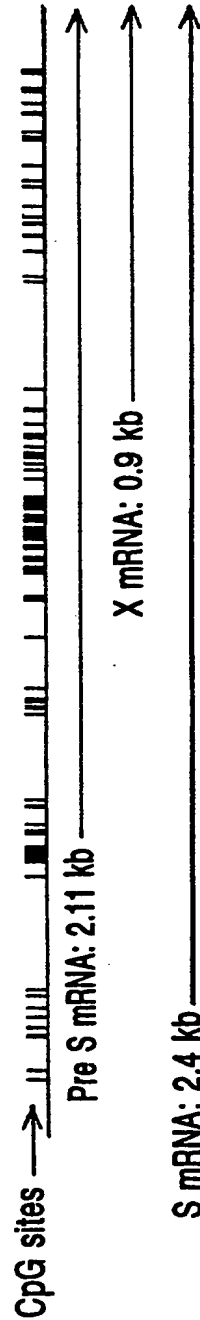
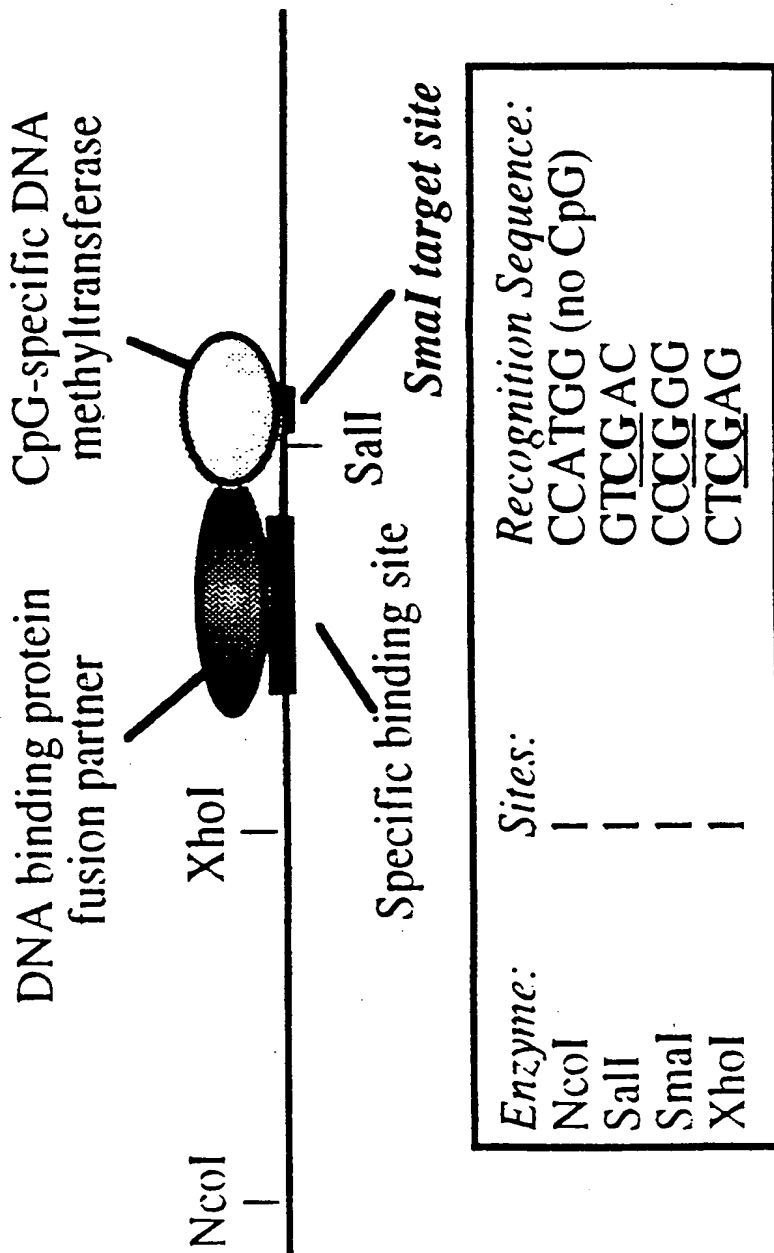
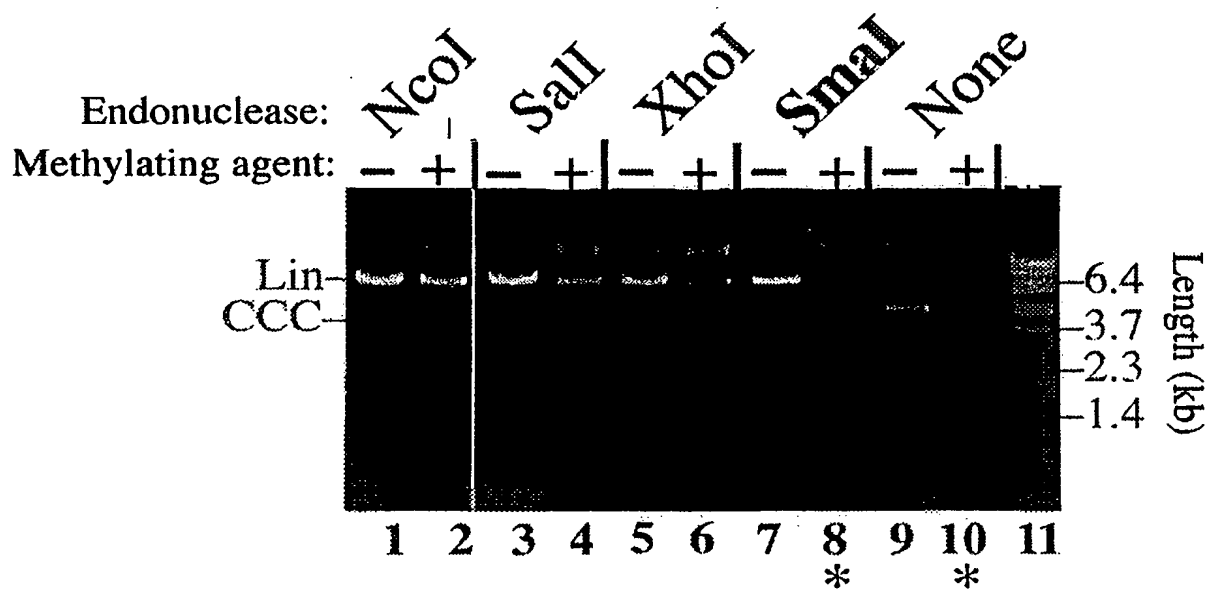


FIGURE 11A



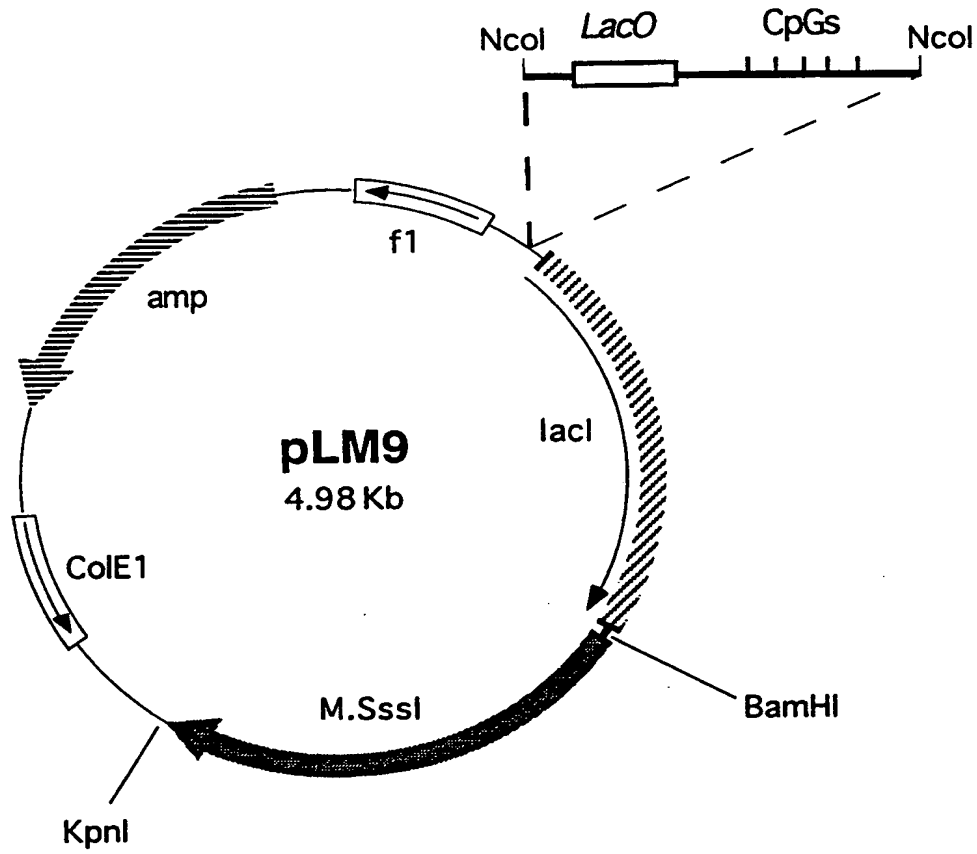
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FIGURE 11B



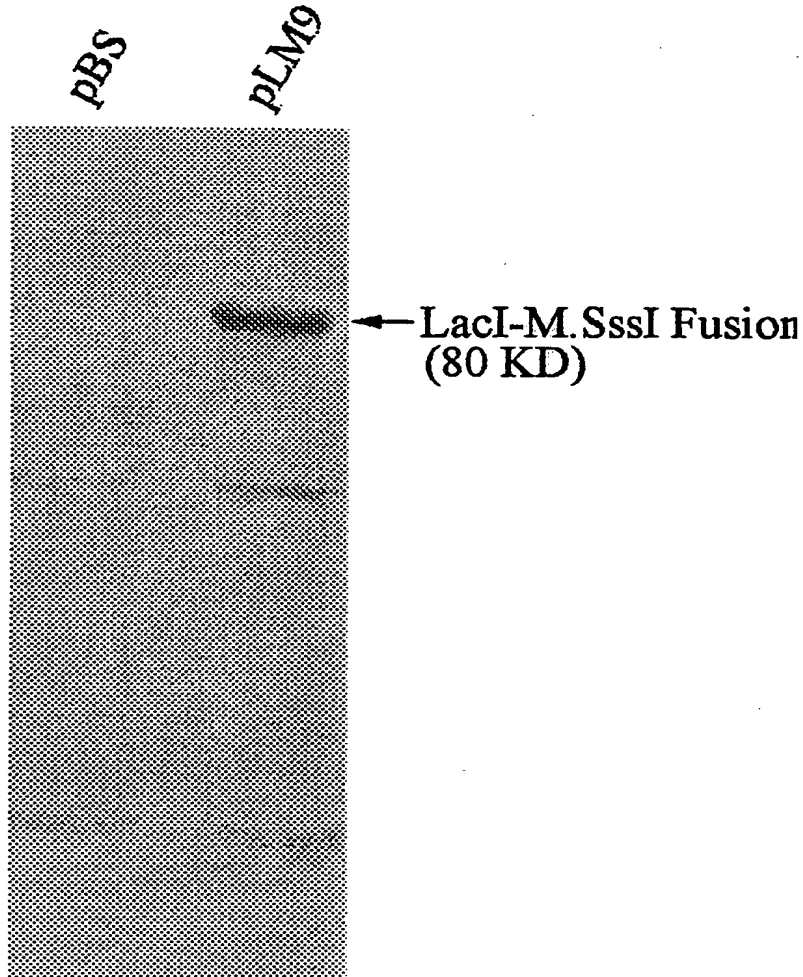
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FIGURE 12



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FIGURE 13



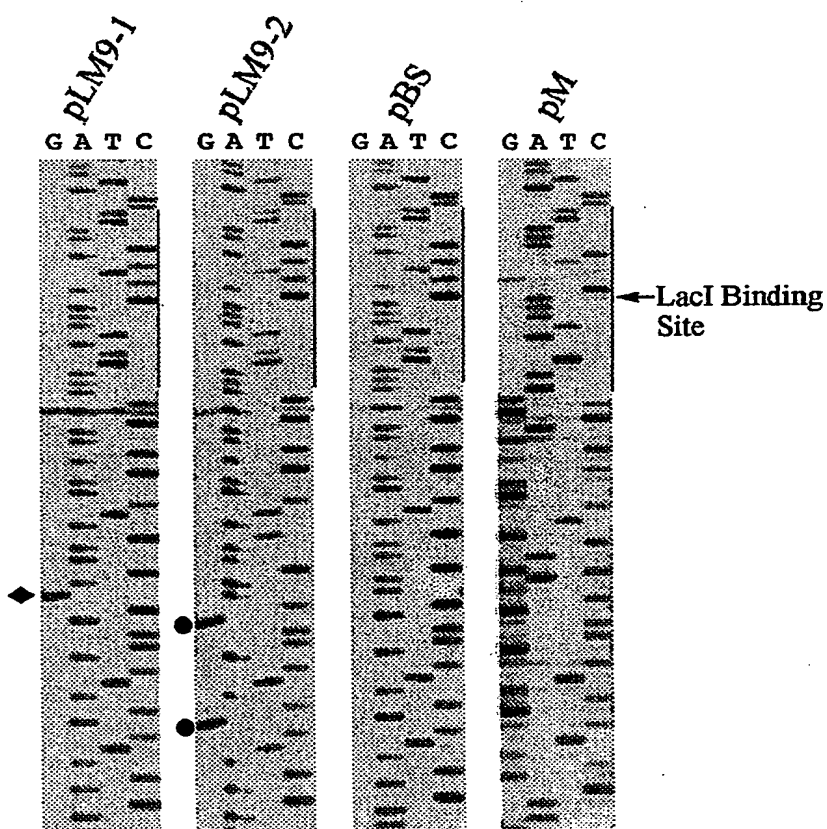
0051013-100998

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FIGURE 14

LacI Recognition Sequence

CCATGGAATTGTGAGCGCTCACAATTCGCGTCGCGCCGACGCCGTCGCGGGCAGCGACGCGTT
 GGTACCTTAACACTCGCGAGTGTTAAGCGCAGCGCGGCTGCGGCAGCGCCGCTGCGCTGCGCAA

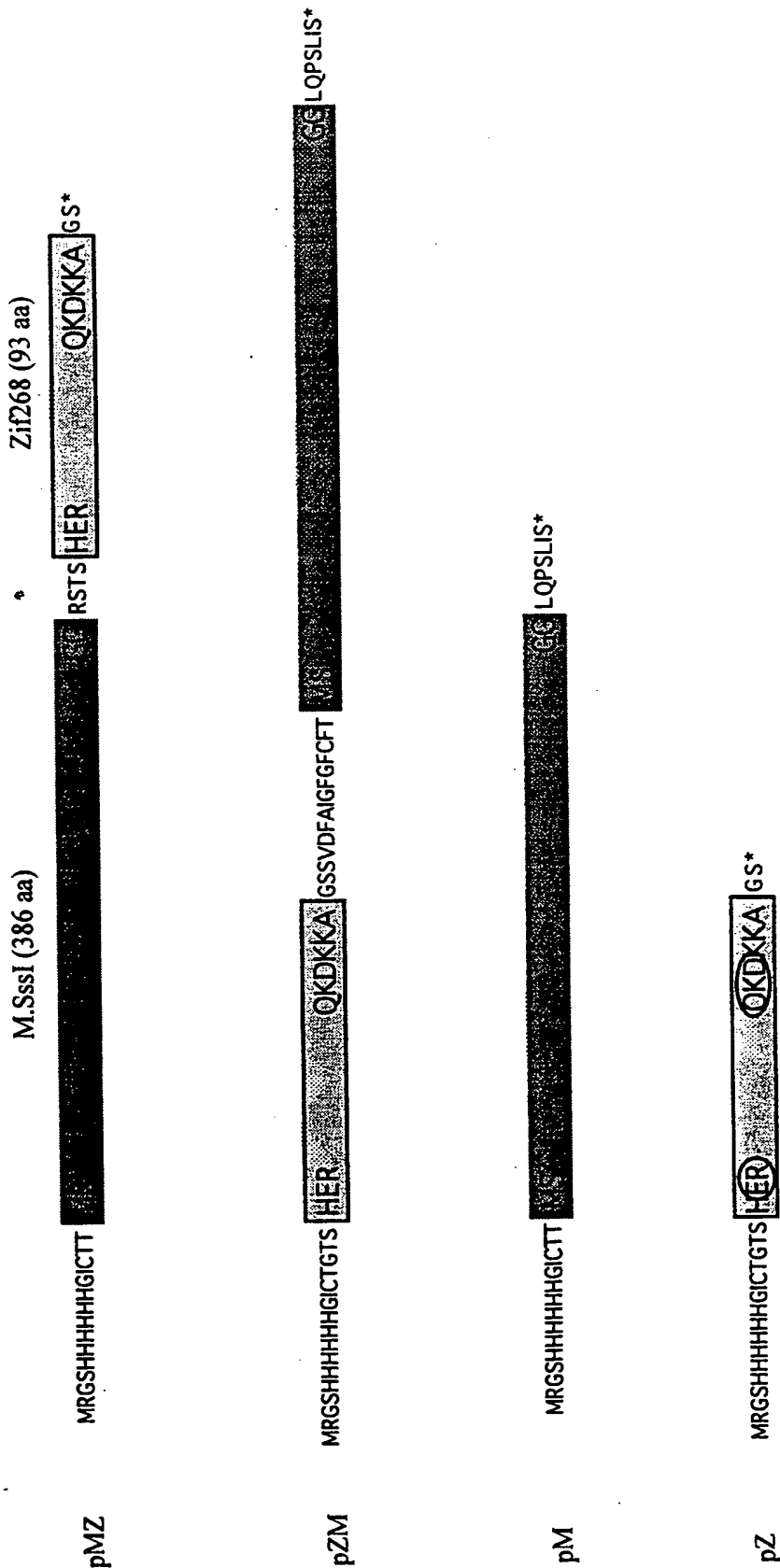


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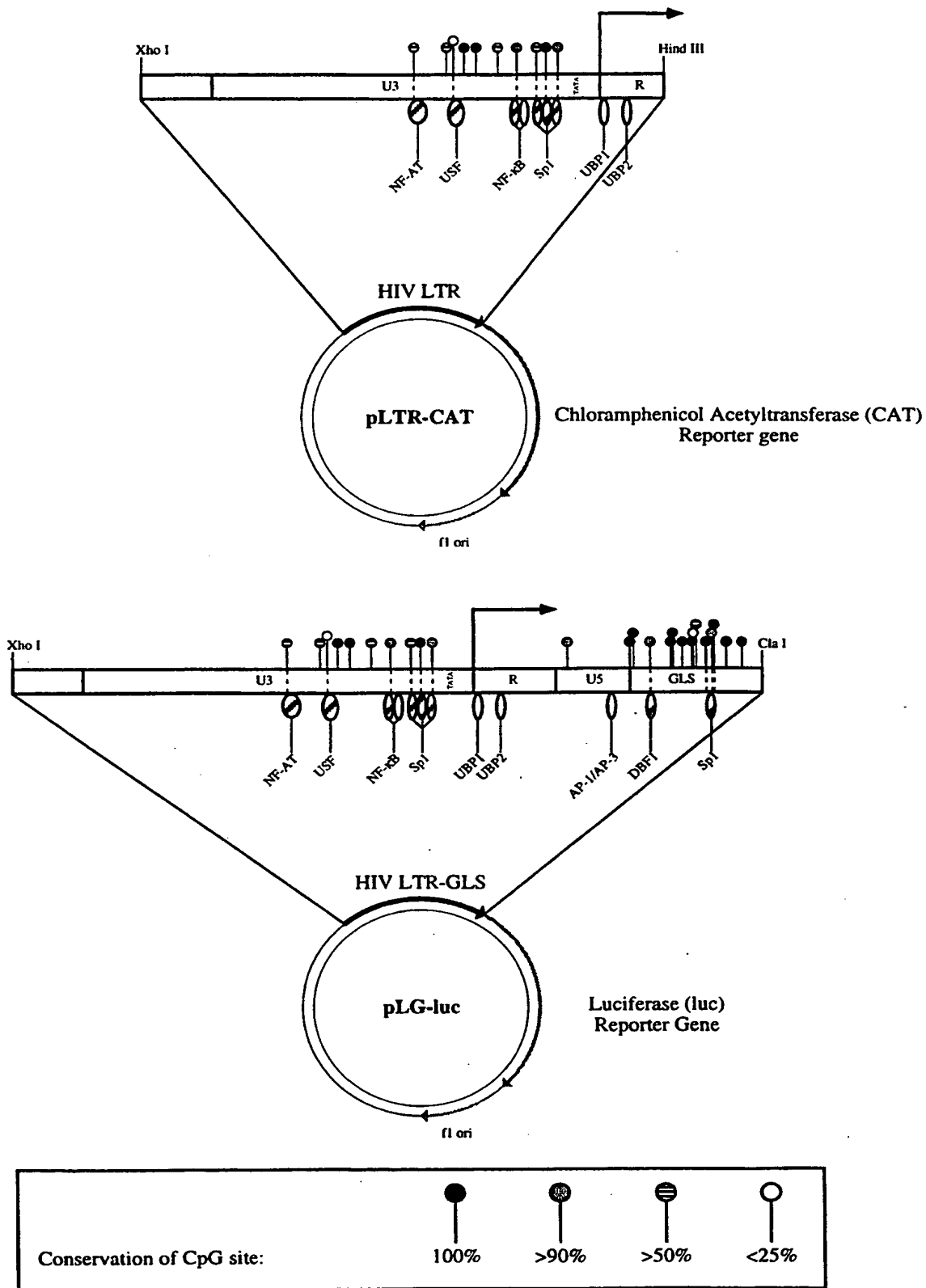
FIGURE 15

Constructs for the Expression of Zinc finger-DNA methyltransferase Fusion Proteins



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FIGURE 16



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FIGURE 17

